

FIG. 1

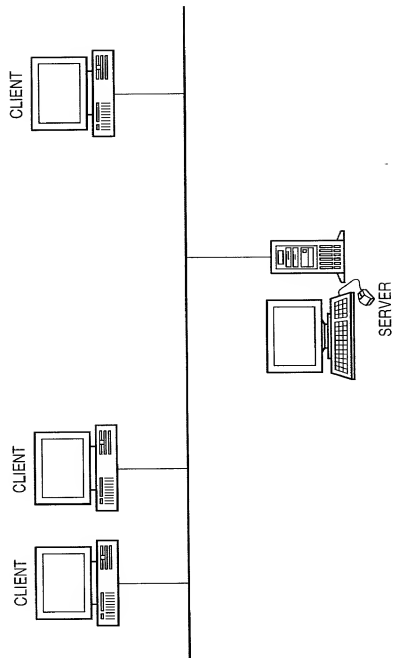


FIG. 2

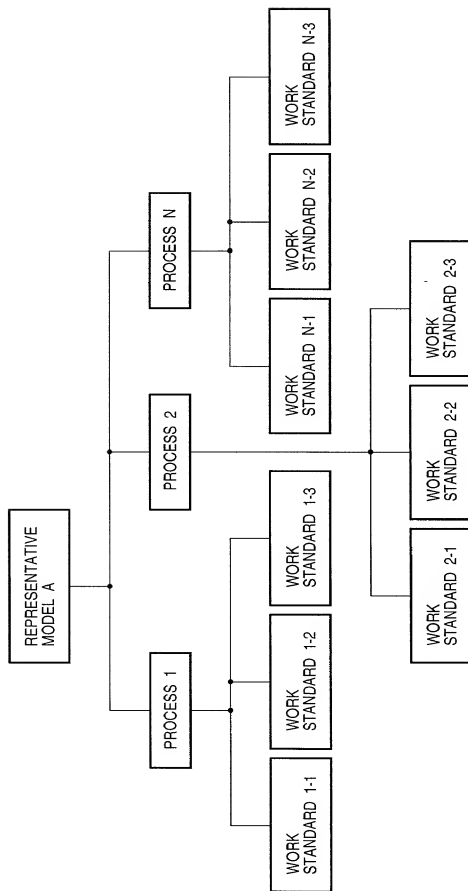


FIG. 4

STRUCTURE OF MASTER FILE

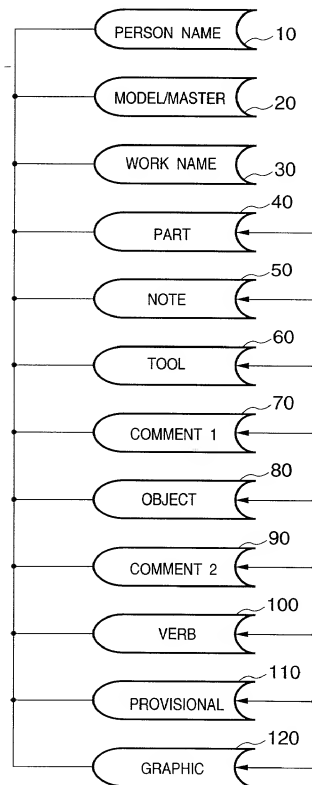


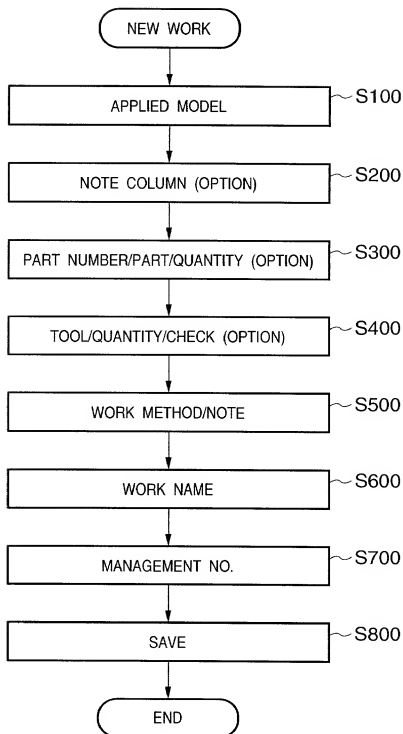
FIG. 5

FIG. 6

| SELECTION OF APPLIED MODEL |
|----------------------------|
| LIST OF APPLIED MODELS |
| BJC-4200 SYSTEM |
| BJC-420J |
| BJC-420J (BLACK) |
| BJC-4300 |
| BJC-430J |
| BJC-4200LX |
| A250 II Q |
| BJC-4200 |
| OK |
| CANCEL |

FIG. 7

| | | | | | | | | |
|---------------------------|-----------|-----------------------------------|-------------|-----------|--------------------------|--------------------------|--------------------------|--------------------------|
| WORK STANDARD 01 CREATION | | | | | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| APPLIED | | BJC-420J BJC-420J(BLACK) BJC-430J | | | | | | |
| | | | | | | | | |
| PART NUMBER | PART NAME | QUANTITY | PART NUMBER | PART NAME | QUANTITY | | | |
| | | | | | | | | |

302

FIG. 8

| PART NUMBER | PART NAME | QUANTITY | PART NUMBER |
|------------------|----------------|----------|-------------|
| PART | | | |
| 000 - 0000 - 001 | PART 001 | ▲ | |
| 000 - 0000 - 002 | PART 002 | | |
| 000 - 0000 - 003 | PART 003 | | |
| 001 - 0000 - 001 | PART 101 | | |
| 001 - 0000 - 002 | PART 102 | ▼ | |
| 111 - 1111 - 001 | PART 001 | | |
| A01 - 1234 - 001 | TEST PART 0001 | | |

FIG. 9

The figure shows a form with a rounded rectangular border. At the top left, there are two bullet points: '• WORK NAME' and '• CANDIDATES'. To the right of '• WORK NAME' is a rectangular input box containing the text 'GE ____'. A curved arrow points from the right side of this box down to the first item in the candidates list. The candidates list is enclosed in a rectangular box and contains eight items, each with a Japanese label in parentheses followed by a description in English.

- WORK NAME GE ____
- CANDIDATES
 - 原稿(GENKO)ガラス保護紙セット(SET ORIGINAL GLASS PROTECTIVE SHEET)
 - 現像(GENZOU)レール戻しバネ掛け(HOOK DEVELOPING RAIL RETURN SPRING)
 - 現像(GENZOU)レール戻しバネ掛け(後)(HOOK DEVELOPING RAIL RETURN SPRING(AFTER))
 - 原稿(GENKOU)台ガラスセット(SET ORIGINAL GLASS TABLE)
 - 原稿(GENKOU)台保護紙セット(SET ORIGINAL TABLE PROTECTIVE SHEET)
 - 現像機(GENZOUKI)トナーなしチェック(CHECK NO TONER IN DEVELOPER)
 - 現像機(GENZOUKI)エラーチェック(CHECK ERROR IN DEVELOPER)
 - 現像機(GENZOUKI)ロック(LOCK DEVELOPER)

FIG. 10

The image shows a screenshot of a software interface. It has a rounded rectangular border. Inside, there are two main sections. The first section is labeled '• WORK NAME' and contains a text box with the text '現像(GENZOU) ____'. The second section is labeled '• CANDIDATES' and contains a list of five items. A curved arrow points from the text box in the first section to the first item in the list.

- WORK NAME
- CANDIDATES
 - 現像(GENZOU)レール戻しバネ掛け(HOOK DEVELOPING RAIL RETURN SPRING)
 - 現像(GENZOU)レール戻しバネ掛け(後)(HOOK DEVELOPING RAIL RETURN SPRING(AFTER))
 - 現像機(GENZOUKI)トナーなしチェック(CHECK NO TONER IN DEVELOPER)
 - 現像機(GENZOUKI)エラーチェック(CHECK ERROR IN DEVELOPER)
 - 現像機(GENZOUKI)ロック(LOCK DEVELOPER)

FIG. 11

1100

WORK STANDARD SYSTEM

WORK NAME :

WORK METHOD :

1101 (COMMENT 1)

1102 (OBJECT) ~を

1103 (COMMENT 2)

1104 (VERB) ~する

00 ※ 1105a

01 1105b

1105

NOTE, STANDARD / REQUIRED QUALITY :

1106

1107

OK CANCEL 1108

FIG. 13

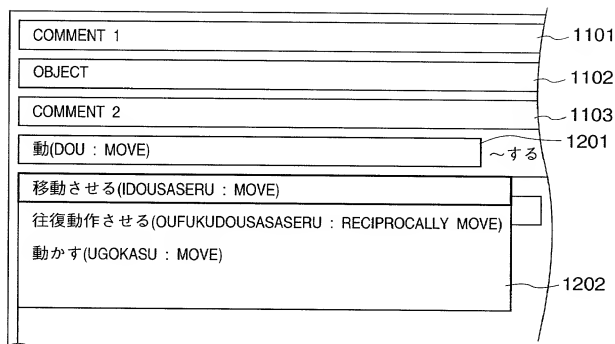


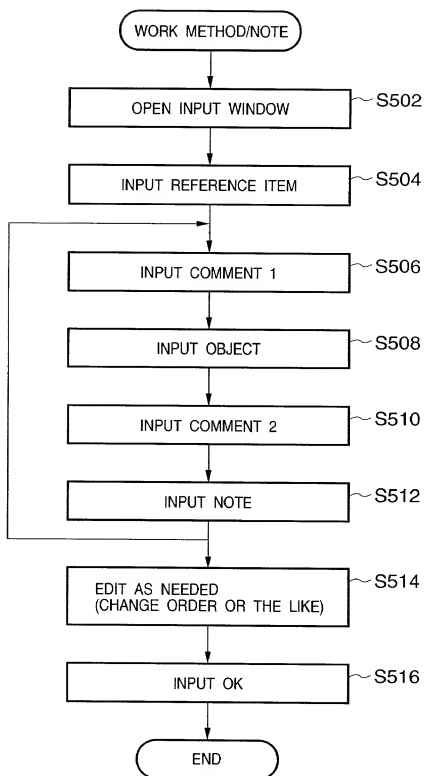
FIG. 14

FIG. 15

| | | |
|----|--|--|
| 00 | ※ | |
| 01 | DO zzzz SUCH THAT xxxx AT wwww POSITION BECOMES yyyy | |
| 02 | WIND AV CORD | |
| 03 | CONFIRM 100V SYSTEM | |
| 04 | SET CRG HOLDER | |
| | | |
| | | |

FIG. 16

| | |
|--|------|
| NOTE, STANDARD / REQUIRED QUALITY | 1601 |
| NOTE | |
| <p>SEPARATION GRIPPER MOVES SLOWLY WITHOUT GRIPPER SPRING OF ASFu</p> <p>DON'T PULL TAPE TOO STRONG TO MAKE SIDE GUIDE LOOSE</p> <p>DON'T HOOK PAPER GUIDE u ON SHEET HOLDER</p> <p>BEWARE OF IMITATIONS</p> <p>BEWARE OF IMITATIONS(Color Style Write</p> | 1602 |
| | |

FIG. 17

| NOTE, STANDARD / REQUIRED QUALITY | |
|-----------------------------------|------|
| 1 | NOTE |

1107

FIG. 18

| CONFIRM | |
|-----------------------------------|----------------|
| 00 ※ | |
| 01 CONFIRM 100V SYSTEM | CUT(I) |
| 02 WIND AV CORD | COPY(C) |
| 03 SET CRG HOLDER | PASTE(P) |
| 04 | ADD(A) |
| | DELETE(D) |
| | UNDO |
| | REVISE(CHANGE) |
| | REVISE(DELETE) |
| NOTE, STANDARD / REQUIRED QUALITY | |

1802

FIG. 19

| | |
|------------------------|-----|
| CONFIRM | ～する |
| 00 ※ | |
| 01 WIND AV CORD | |
| 02 CONFIRM 100V SYSTEM | |
| 03 SET CRG HOLDER | |
| 04 | |

NOTE, STANDARD / REQUIRED QUALITY

FIG. 20

The image shows a graphical user interface with a list of items and a context menu. The list has a header row labeled "CONFIRM". Below it are four rows: "00 ※", "01 WIND AV CORD", "02 SET CRG HOLDER", and "03". The "03" row is selected, and a context menu is open over it. The menu contains the following options: "CUT(I)", "COPY(C)", "PASTE(P)" (which is highlighted with a thick border), "ADD(A)", "DELETE(D)", "UNDO", "REVISE(CHANGE)", and "REVISE(DELETE)". A bracket on the right side of the menu, labeled "1802", groups the "ADD(A)", "DELETE(D)", "UNDO", "REVISE(CHANGE)", and "REVISE(DELETE)" options. At the bottom of the list, there is a text label "NOTE, STANDARD / REQUIRED QUALITY".

| CONFIRM |
|-------------------|
| 00 ※ |
| 01 WIND AV CORD |
| 02 SET CRG HOLDER |
| 03 |

CUT(I)
COPY(C)
PASTE(P)
ADD(A)
DELETE(D)
UNDO
REVISE(CHANGE)
REVISE(DELETE)

1802

NOTE, STANDARD / REQUIRED QUALITY

FIG. 21

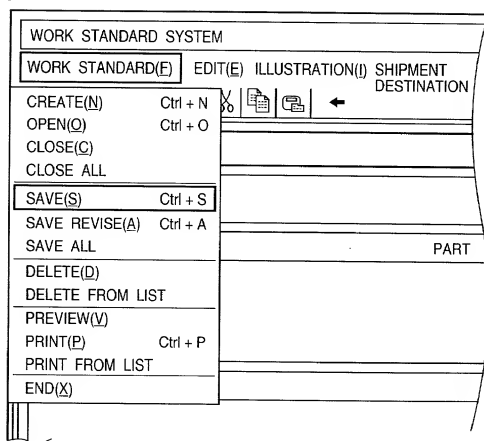


FIG. 22

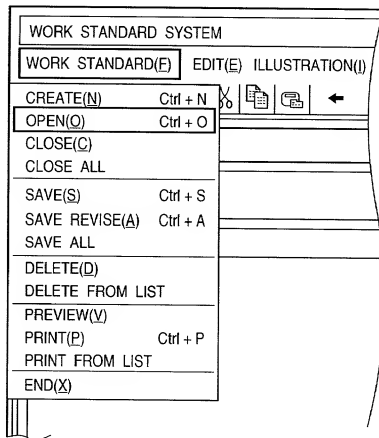


FIG. 23

| WORK STANDARD SYSTEM | | | |
|---|-----------------|------------|----------------------|
| <input checked="" type="radio"/> LATEST REVISION NUMBER <input type="radio"/> ALL | | | |
| MANAGEMENT NO. | REVISION NUMBER | WORK NAME | DATE OF REGISTRATION |
| SO-04-01(4)・E | 01 | ASFu取付 | 1997/09/13 |
| SO-01-01(3)・E | 01 | ベース・トレ－u取付 | 1997/09/01 |
| SO-01-03-E | 01 | ベース・トレ－u取付 | 1997/09/01 |
| SO-01-04-E | 01 | ベース・トレ－u取付 | 1997/09/01 |
| <hr/> | | | |
| SO-06-01-E | 01 | 線処理 | |
| SO-06-02-E | 01 | 線処理 | 1997/09/01 |
| SO-06-03-E | 01 | 線処理 | 1997/09/01 |
| SO-07-01(2)・E | 01 | レーグルリス塗布 | 1997/09/01 |
| SO-08-01-E | 01 | レール取付 | 1997/09/01 |

FIG. 24

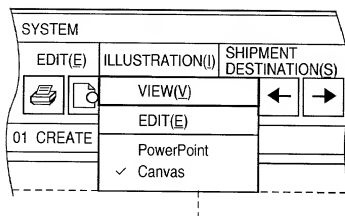


FIG. 25

302

WORK STANDARD 01 CREATION

APPLIED

PART NUMBER PART NAME

303

TOOL / TREATMENT DEVICE

WORK PROCEDURE

No.

FILE NAME :

2501 2502 2503 2504

CLOSE

2500

REVISION NUMBER CONTENTS OF REVISION DATE PERSON IN CHARGE APPROVE

01 CREATED 1997/09/25

WORK NAME

MANAGEMENT NO.

FIG. 26

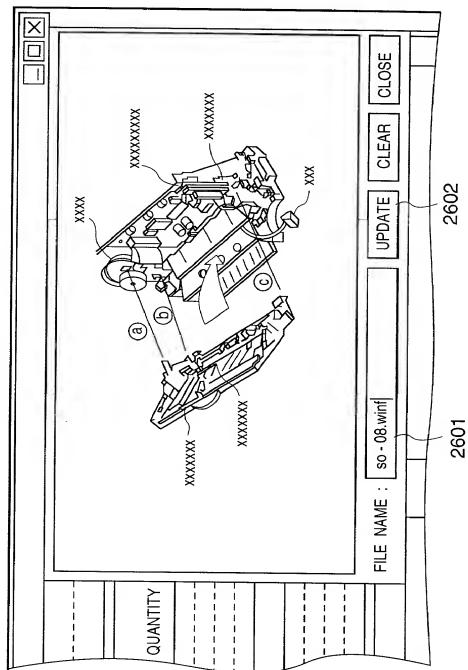


FIG. 27

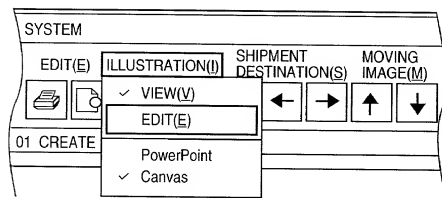


FIG. 28

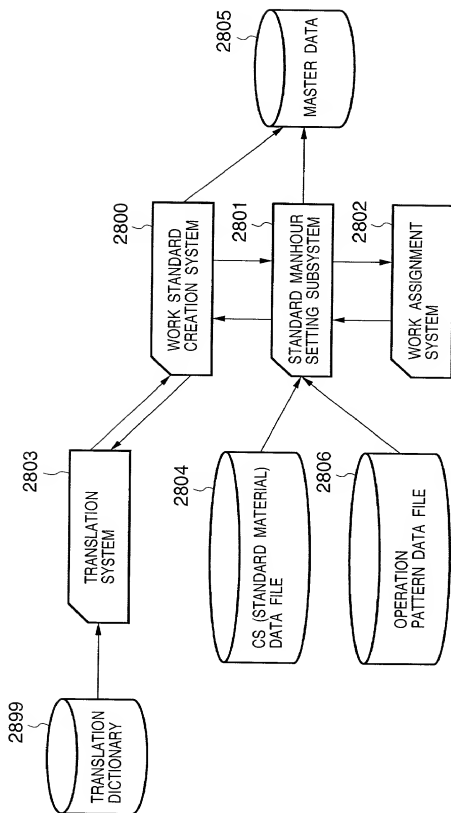


FIG. 29

WORK STANDARD : TRANSLATION SYSTEM (PROTOTYPE) [X]

☒ WORK STANDARD DATA

☐ MASTER DATA

UPLOAD WORK STANDARD

DOWNLOAD WORK STANDARD

TRANSLATE WORK STANDARD

END

FIG. 30

3001
3002
3003
3004

TRANSLATION OF WORK STANDARD

REPRESENTATIVE MODEL NAME : A252

PREPUCES NAME : PLATEN UNIT

TOTAL ☒ UNIT
ASSEMBLY ☐ ASSEMBLY

DISPLAY DATA

☒ ALL
☐ UNTRANSLATED
☐ UNCHECKED

DISPLAY LANGUAGE

☐ JAPANESE
☒ ENGLISH

3006
3007
3008
3005

| MANAGEMENT NO. | REVISION NUMBER | WORK NAME | AUTOMATIC TRANSLATION | CHECK |
|----------------|-----------------|-------------|-----------------------|-------|
| PT - 010 - 010 | 01 | クリーナーU取付 | X | X |
| PT - 010 - 020 | 01 | クリーナーU取付 | X | X |
| PT - 010 - 030 | 01 | クリーナーU取付 | X | X |
| PT - 070 - 030 | 01 | 切換アームAssy組立 | X | X |
| PT - 080 - 010 | 01 | 伝達ローラU取付 | X | X |
| PT - 090 - 010 | 01 | 伝達ローラU取付 | X | X |
| PT - 100 - 010 | 01 | 紙押え取付 | X | X |

SELECT ALL

CANCEL SELECT

VIEW

TRANSLATE

TRANSLATE ALL

CLOSE

FIG. 31

| | | | | |
|---|--|------------------|-----------------|-----------------------------|
| TRANSLATION OF WORK STANDARD (PROTOTYPE) | | | | |
| WORK STANDARD(E) ILLUSTRATION(I) VOICE(S) WINDOW(W) | | | | |
| WORK STANDARD PN-030-020 01 New created by (PX2056) A252 PUMP UNIT | | | | |
| Model | Q95-1319 | | | |
| Part No. | Part Name | Qty | Part No. | Qty |
| | | | | |
| | | | | |
| | | | | |
| Total | | Qty | PN | |
| | | | | |
| | | | | |
| No. | | | | No. Precaution / Conditions |
| 01 | The blade lever spring hooks to ① of the blade lever. | | | 02 - 01 No Table Data 1 |
| 02 | Side the blade lever in the direction of arrow ② and check there is no catch and nor the return by the spring force. | | | 03 - 01 No Table Data 1 |
| 03 | Check press-fitting the blade lever shaft leading edge to the braid folder leading edge. | | | |
| Details is of Revision | | Date | By | OK |
| 01 | New Created by (PX2056) | | | |
| | | Procedure | | |
| | | No Table Data 1 | | |
| | | Page No. | | |
| | | PN-030-020 | | |

FIG. 32

3200

| | |
|---|--|
| WORK PROCEDURE ✕ | |
| VOICE (W) | |
| JAPANESE | |
| WORK PROCEDURE | |
| ブレード・レバー・ハネをブレード・レバーの ① 部に引っ掛ける | |
| 01 ブレード・レバー・ハネをブレード・レバーの ① 部に引っ掛ける | |
| 02 ブレード・レバーを矢印 ② 方向にスライドさせ引っ掛かり無くハネが戻ることを確認する | |
| 03 ブレード・レバー軸先端がブレード・レバー先端まで圧入されていることを確認する | |
| ENGLISH | |
| Procedure | |
| The blade lever spring hooks to ① of the blade lever. | |
| 01 The blade lever spring hooks to ① of the blade lever. | |
| 02 Slide the blade lever in the direction of arrow ② and there is no catch and n.... | |
| 03 Check press-fitting the blade lever shaft leading edge to the braid folder leading ed.... | |
| <div style="border: 1px solid black; height: 20px; width: 100%; position: relative;"> <div style="position: absolute; left: -10px; top: 50%; transform: translateY(-50%);">◀</div> <div style="position: absolute; right: -10px; top: 50%; transform: translateY(-50%);">▶</div> </div> | |
| <div style="display: inline-block; border: 1px solid black; padding: 2px 10px; margin-right: 10px;">TRANSLATE</div> <div style="display: inline-block; border: 1px solid black; padding: 2px 10px; margin-right: 10px;">OK</div> <div style="display: inline-block; border: 1px solid black; padding: 2px 10px;">CANCEL</div> | |

3201

3202

3203

3204

FIG. 33

| | | | | | |
|--|--|----------|-------------------------|---|--|
| TRANSLATION OF WORK STANDARD (PROTOTYPE) | | | | <input type="button" value="-"/> <input type="button" value="X"/> | |
| WORK STANDARD(E) ILLUSTRATION(I) | | VOICE(S) | POW(W) | | |
| WORK STANDARD PN-030-020 01 Net | | PLAY(P) | X2056) A252 PLATEN UNIT | | |
| Model QG5-1317 | | NEW(N) | | | |
| | | DRIVE(D) | | | |
| | | | | | |

FIG. 34

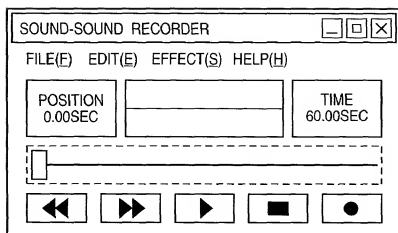


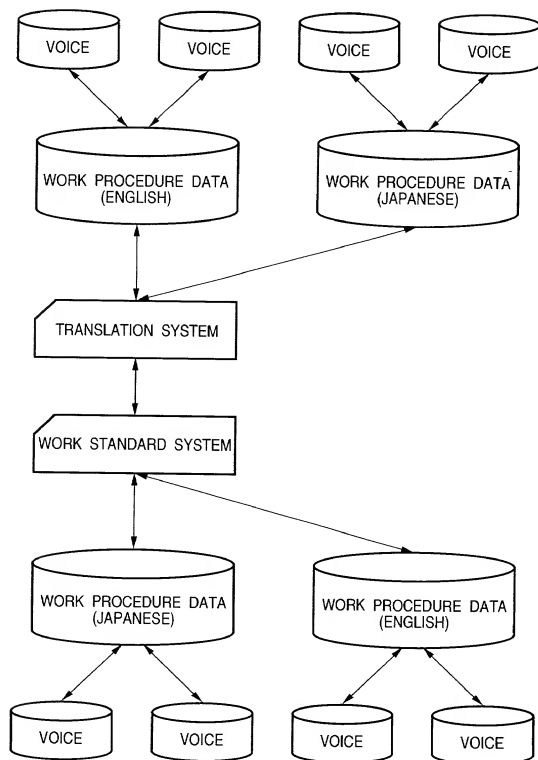
FIG. 35

FIG. 36

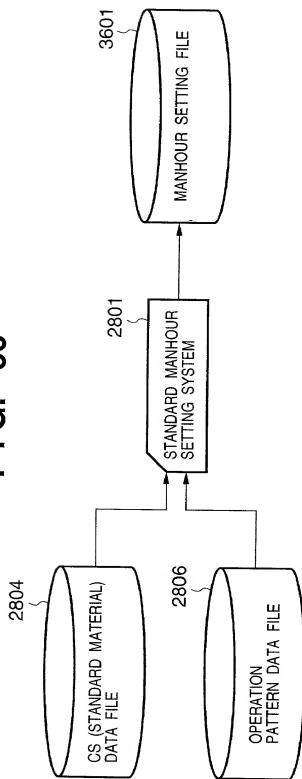


FIG. 37

| No. | ELEMENT WORK NAME | FREQUENCY | MANHOUR | CS | SET CONDITION |
|-----|-------------------|-----------|---------|----|---------------|
| | | | | | |
| | | | | | |
| | | | | | |

FIG. 38

STANDARD MATERIAL DATA

| COMMENT 1 | OBJECT | COMMENT 2 | VERB | SET CONDITION DATA |
|-----------|--------|-----------|------|--------------------|
| | | | | |
| | | | | |
| | | | | |

FIG. 39

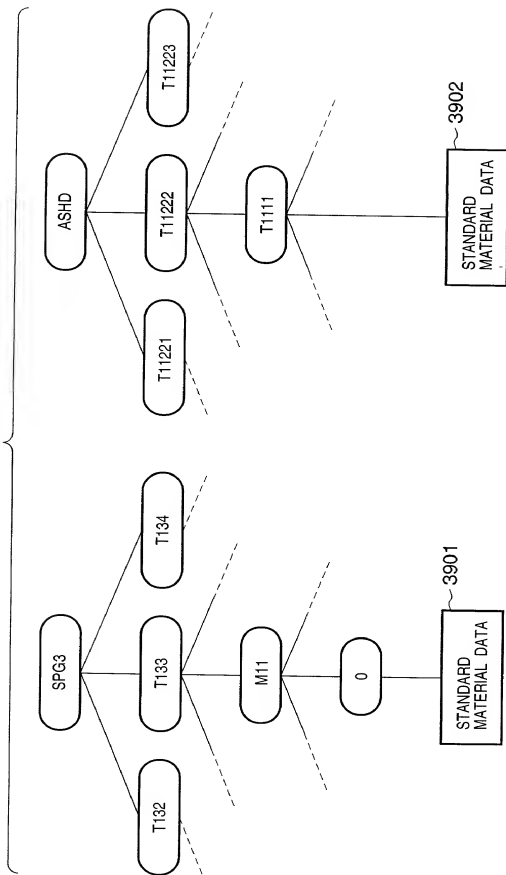
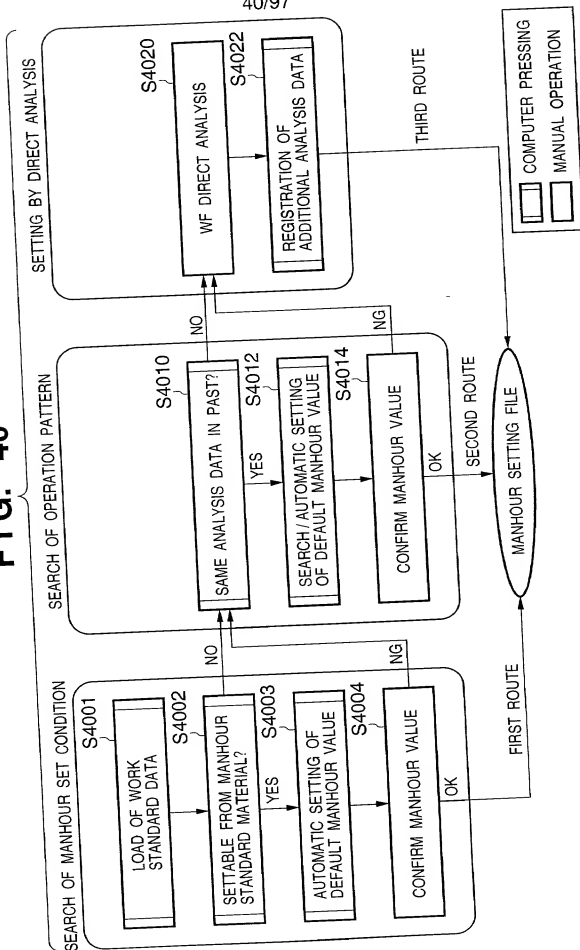


FIG. 40



3601

[illegible]

DATA LOAD

| No. | COMMENT 1 | OBJECT | COMMENT 2 | VERB |
|-----|-----------|--------|-----------|--------|
| 1 | | 負荷ハネを | 負荷ハネ取付治具に | 組込む |
| 2 | 治具の | SWを | | ONする |
| 3 | | 分離ロー軸を | 負荷ハネ取付治具に | 組込む |
| 4 | 治具の | SWを | | OFFにする |
| 5 | | 分離ロー軸を | 治具より | 外す |

[illegible]

SEARCH KEYWORD(KW)

| No. | COMMENT 1 | OBJECT | COMMENT 2 | VERB | MANHOUR STANDARD MATERIAL | TIME VALUE |
|-----|-----------|--------|-----------|--------|------------------------------|---------------|
| 1 | * | *ハネを | *に | 組込む | SPG3 T133 / M11 / 0 | 41RU |
| 2 | * | *を | *に | 組込む | ASHED T11222 / T1111 | 37RU |
| 3 | * | *を | *より | 外す | PUMQ T2111 / T111111 | 16RU |
| 4 | * | *リンクを | * | 組込む | RIN2 T11211 / SO | 76RU |
| 5 | * | *コネクタを | * | 差し込む | CONN T11211 / SO | 41RU |
| 6 | * | * | * | 増し締めする | SCR6 M211 / 1 | 23RU |

[illegible]

MATCH

| No. | COMMENT 1 | OBJECT | COMMENT 2 | VERB | VERB PATTERN | TIME VALUE |
|-----|-----------|------------|-----------|-------|---------------------|------------|
| 1 | 治具の | SWを | | ONする | /GET:-50E/M:-10E | 8RU |
| 2 | 治具の | SWを | | OFFする | /GET:-50E/M:-10E | 8RU |
| 3 | | 読取操作部uを | | 閉める | /GET:-50E/M:-50E | 10RU |
| 4 | | CRGT'アを | | 閉める | /GET:-50E/M:-50E | 10RU |
| 5 | | 読取操作部uを | | 閉める | /GET:-50E/M:-50E | 10RU |
| 6 | | 電源コード'を | | 抜く | /GET:-50EGr2/M:-10E | 16RU |
| 7 | | 測定用電源コード'を | | 抜く | /GET:-50EGr2/M:-10E | 16RU |

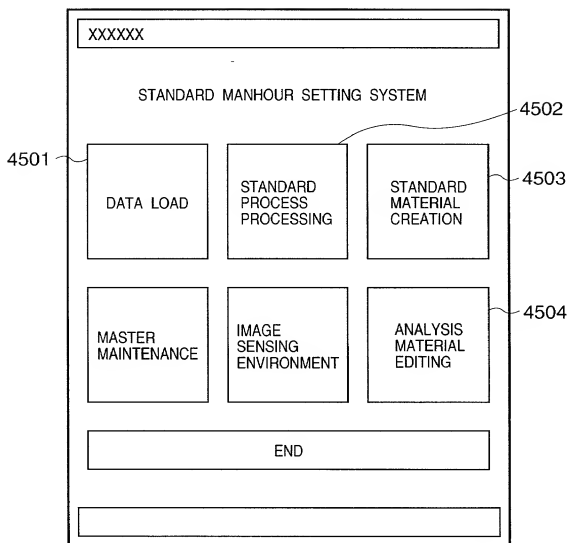
FIG. 45

FIG. 46

4609 4610 4612

XXXXXX

☒ ALL ☐ DESIGNATE : 1

PRODUCT NUMBER :

NAME :

OK

4601

| PRODUCT NUMBER | WORK STANDARD | PRODUCT SYMBOL | NAME | PREVIOUS LOAD DATE |
|----------------|---------------|----------------|-------------|--------------------|
| 0 - CLOCK | XXXX | XX | XXXX | XXX |
| XXXXXX | | BL - OLD | SET IN 1996 | |
| xyz - test | | | | |
| test - 01 | | | | |
| test - AMI | | | | |

SELECT

CANCEL

4602 4603 4604 4605 4611

FIG. 48

The diagram shows a software window titled "LOAD OF DATA" (4805). The window is divided into two main sections: "COMPONENT DESIGNATION" (4801) and "AUTOMATIC MANHOURLY SETTING" (4804). The "COMPONENT DESIGNATION" section contains two radio buttons: "ALL" and "DESIGNATE COMPONENT" (which is selected). Below these is a text input field (4802) containing the text "CH" and a dropdown arrow. The "AUTOMATIC MANHOURLY SETTING" section contains two checked checkboxes: "STANDARD MATERIAL(CS)" and "ANALYSIS MATERIAL". At the bottom of the window are two buttons: "EXECUTE" and "CANCEL". The entire window is labeled 4800, and the bottom area is labeled 4806.

LOAD OF DATA

COMPONENT DESIGNATION

☐ ALL

☒ DESIGNATE COMPONENT

CH

AUTOMATIC MANHOURLY SETTING

☒ STANDARD MATERIAL(CS)

☒ ANALYSIS MATERIAL

EXECUTE

CANCEL

FIG. 49

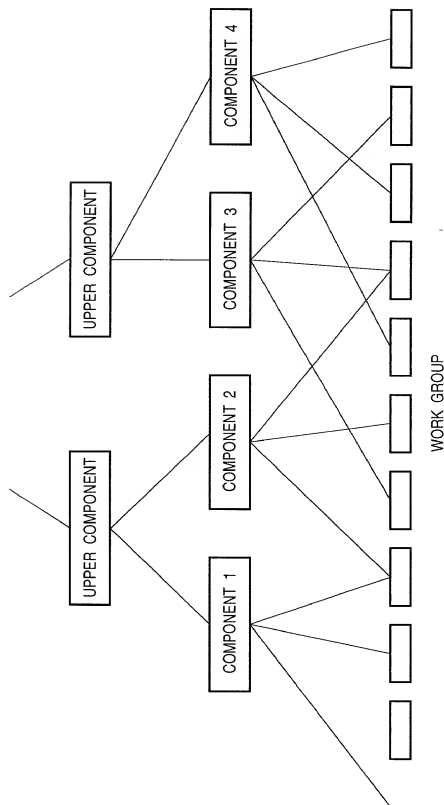


FIG. 50

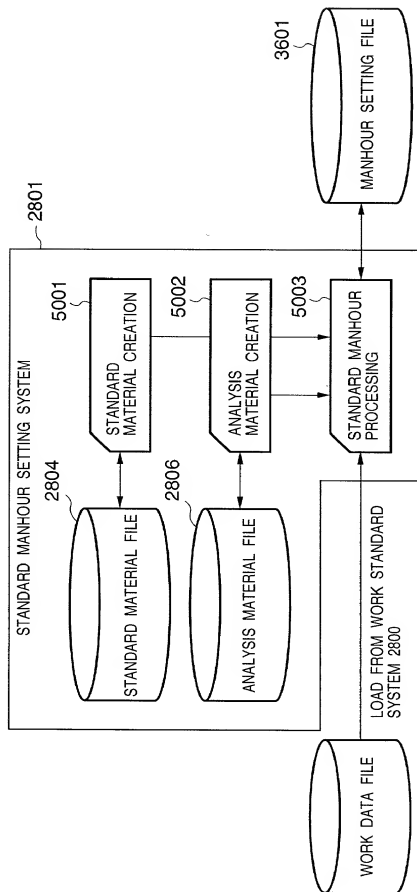


FIG. 51

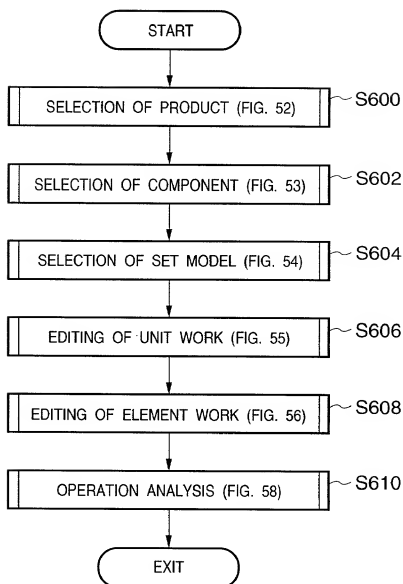


FIG. 54

| SELECTION OF MODEL | | | |
|---|----------|--------------------------|---------------------------|
| FILE(F) EDIT(E) VIEW(V) | | | |
| | | | |
| PRODUCT NUMBER : BJ - 970909 | | NAME : 97 - 09 - 09 LOAD | |
| COMPONENT SYMBOL : CH | | NAME : | |
| SET MODEL SYMBOL | QUANTITY | NAME | PREVIOUS PUBLICATION DATE |
| ▶ A250 IIQ | | | |
| BJC - 4200LX | | | |
| BJC - 4200 SYSTEM | | | |
| BJC - 420J | | | |
| BJC - 420J(BLACK) | | | |
| BJC - 4300 | | XXXXXX | 1997/09/09 10:46:33 |
| BJC - 430J | | | |
| <div> <div>NEXT</div> <div>REGISTER PUBLICATION</div> <div>LOOK PUBLICATION</div> <div>DISPLAY SAME MODEL</div> <div>END</div> </div> | | | |

FIG. 55

SELECTION OF MODEL

FILE(F) EDIT(E) VIEW(V)

PRODUCT SYMBOL : BJ - 970909 NAME : 097 - 09 - 09 LOAD SET MODEL SYMBOL : BJC - 4300 LATEST¹ UPDATE

COMPONENT SYMBOL : ON NAME : xxxxxx REVISION NUMBER¹ DISPLAY

| S | FORMAL MANAGEMENT NO. | REVISION | UNIT WORK NAME | MANHOUR | USE | CS | FREQUENCY |
|-------------------|-----------------------|----------|----------------|---------|-----|----|-----------|
| N ¹ 3 | CH-01-01 | 1 | 電気チェック | 0 | 0 | 0 | 1 |
| N ¹ 4 | CH-01-02(1) | 1 | 電気チェック | 0 | 0 | 0 | 1 |
| N ¹ 5 | CH-01-02(2) | 1 | 電気チェック | 0 | 0 | 0 | 1 |
| N ¹ 6 | CH-01-03 | 1 | 電気チェック | 0 | 0 | 0 | 1 |
| N ¹ 7 | CH-01-04 | 1 | 電気チェック | 0 | 0 | 0 | 1 |
| N ¹ 23 | CH-07-02(1) | 1 | フロントカバーu取付 | 0 | 0 | 0 | 1 |
| N ¹ 24 | CH-07-02(2) | 1 | フロントカバーu取付 | 0 | 0 | 0 | 1 |
| N ¹ 25 | CH-07-01(3) | 1 | フロントカバーu取付 | 0 | 0 | 0 | 1 |
| N ¹ 26 | CH-07-01(4) | 1 | フロントカバーu取付 | 0 | 0 | 0 | 1 |

No. FORMAL MANAGEMENT NO.

| UNIT WORK NAME | | MANHOUR | USE | FREQUENCY | 1 | 2 | 3 | 4 | 5 |
|------------------|--|---------|-----|-----------|---|---|---|---|---|
| ELECTRICAL CHECK | | 0 | 0 | 0 | 1 | | | | |

◎ CHANGE ○ INSERT ○ ADD

OK

5501 5507 5506 5502 5503 5504 5505

FIG. 56

XXXXX

🔍

📄

✕

📄

📄

FORMAL MANAGEMENT NO. PU-03-01

UNIT WORK NAME : MOTOR ATTACHMENT

TOTAL MANHOUR : 0

NEXT UNIT WORK

| NO. | ELEMENT WORK NAME | REVISION | MANHOUR | USE | CS | SET CONDITION |
|-----|------------------------|----------|---------|-----|----|---------------|
| ▶ 1 | LFエタのケ-プルと反対側の軸にタ-プルギア | 1 | 0 | 0 | | |
| * | | | | | | |

COMMENT 1 : LFエタのケ-プルと反対側の軸に

OBJECT : タ-プルギアを

COMMENT 2 : ギア径の小さい方から

VERB : 取付ける

設定

5604
5605
5603
5602
5601

PRODUCT GENRE :

ALL

| | TYPE | COMMENT 1 | OBJECT | COMMENT 2 | VERB | ANALYSIS SYMBOL | MAN-HOUR | USE FREQUENCY | COUNT | SET DATE | | |
|---|---------|-----------------|------------|-----------|-----------------|------------------|----------|---------------|-------|----------|----------------|----------------|
| ▲ | Iア-キヤブ: | 本体を | 矢印1の様に | 入れる | -50/Gr1/N>6/-3 | | 15 | 0 | 1 | 0 | 97/09/09 9:52 | |
| | Iア-キヤブ: | 本体を | 矢印1の様に | 入れる | -50/E/02/N<-6 | | 11 | 0 | 1 | 0 | 97/09/09 9:53 | |
| | Iア-キヤブ: | 本体を | 矢印1の様に | 入れる | -50/Gr1/N>6/-3 | | 15 | 0 | 1 | 0 | 97/09/09 9:55 | |
| | 要素作業1 | | | 動詞 | -50/Gr1/N>6/-3 | | 15 | 0 | 1 | 0 | 97/09/10 16:34 | |
| | Iア-キヤブ: | 本体を | 矢印1の様に | 入れる | -50/Gr1/N>6/-3 | | 15 | 0 | 1 | 0 | 97/09/10 19:09 | |
| | | | | 入れ、セトする | Time100/Rate100 | | 100 | 100 | 1 | 1 | 97/09/10 19:16 | |
| | モータ組立: | アリジギヤージ | キャリッジ/Dock | 入れ、セトする | M211/rf10 | | 50 | 1 | 1 | 1 | 97/09/11 17:00 | |
| | | | アリジギヤージ | 裏面にする | T1221/M2311/0/0 | | 12 | 0 | 1 | 1 | 0 | 97/09/11 17:34 |
| | 1 | | | | | T2221/M1211/0/1 | | 24 | 0 | 1 | 0 | 97/09/11 17:20 |
| | 2 | | | 2 | | T1221/M2311/0/0 | | 12 | 0 | 1 | 1 | 0 |
| | | アリジギヤージ | PRカ'ト'取付る | セトする | fcastdastadfad | * | 15 | 0 | 1 | 1 | 0 | 97/09/12 11:24 |
| | | dgdafldfas | | | fcdsafdaddfs | T21121/M1111/0/1 | 16 | 0 | 1 | 1 | 0 | 97/09/12 12:10 |
| | | dcsdfsfidscsdaf | | | | * | 13 | 0 | 1 | 1 | 0 | 97/09/12 12:10 |
| | | dgdafldfas | | | fcastdastadfad | | 16 | 0 | 1 | 1 | 0 | 97/09/12 13:39 |
| | | アリジギヤージ | PRカ'ト'取付る | セトする | | | 15 | 0 | 1 | 1 | 0 | 97/09/12 14:00 |
| | | アリジギヤージ | PRカ'ト'取付る | セトする | | | 15 | 0 | 1 | 1 | 0 | 97/09/12 14:00 |
| | | アリジギヤージ | PRカ'ト'取付る | セトする | | | 15 | 0 | 1 | 1 | 0 | 97/09/12 14:04 |
| | | アリジギヤージ | | | Time100/Rate100 | | 100 | 100 | 1 | 1 | 0 | 97/09/12 14:04 |

FIG. 59

☐ 1. PU

☐ 6. DSY

☐ 11. PU

☐ 16. DSY

☐ 2. GET

☐ 7. R

☐ 12. GET

☐ 17. R

☐ 3. M

☐ 8. UMAC

☐ 13. M

☐ 4. MA

☐ 9. MP

☐ 14. MA

☐ 5. ASY

☐ 10. BODY

☐ 15. ASY

☐ SIMO

5902

FIG. 60

| | | | | | |
|--------|-----------------|---------|-------|-------|---|
| XXXXXX | | | | | |
| PU | | PICK UP | | | |
| MANUAL | | | | | |
| 1 : | MOVING DISTANCE | 1 | 2 | 3 | 4 |
| | | -10cm | +10cm | >50cm | 5 |
| 2 : | GRIP TYPE | Qr-3 | Qr-2 | | 6 |
| 3 : | PRE-POSITIONING | NO | YES | | |
| 4 : | MAIN SIZE | -10mm | -6mm | | |
| 5 : | WEIGHT | <3Kg | >3Kg | | |
| 6 : | | | | | |

| | | | |
|------|--------|-----------|---------|
| SET | CANCEL | SET VALUE | FORMULA |
| 6001 | | 6002 | 6003 |

FIG. 61

FORMULA

TURN CHANGE DIRECTION OF BODY MANUAL

FORMULA : 10 * m

VARIABLE

m :

VARIABLE NAME

THE NUMBER OF TIMES OF OPERATION OF CHANGING DIRECTION

VALUE

UNIT

COUNT

6101

6104

6103

6102

6105

FIG. 62

INQUIRY OF LOG

VARIATION AMOUNT : 10

USE : 0

REASON CODE : 1

CHANGE REASON : SET ▼

OK Clear

6201 6202 6203 6204 6205 6206

FIG. 63

6301 6302

CORRECTION OF CHANGE LOG

DATE

1997

09

22

☐ =
☐ FROM

☒ BEFORE
☐ ~

SEARCH

| NO. | UNIT WORK NAME | CODE | CHANGE REASON | NEW MANHOURL | (NEW) MANUAL | (NEW) USE | PREVIOUS MANUAL | PREVIOUS USE | CHANGE DATE |
|-------------|------------------|------|---------------|--------------|--------------|-----------|-----------------|--------------|---------------------|
| ▶ CH-01-01: | ELECTRICAL CHECK | 1 | SET | 10 | 10 | 0 | 0 | 0 | 1997/09/22 14:30.00 |

REASON CODE

1

CHANGE REASON

SET

OK

CIR

END

FIG. 64

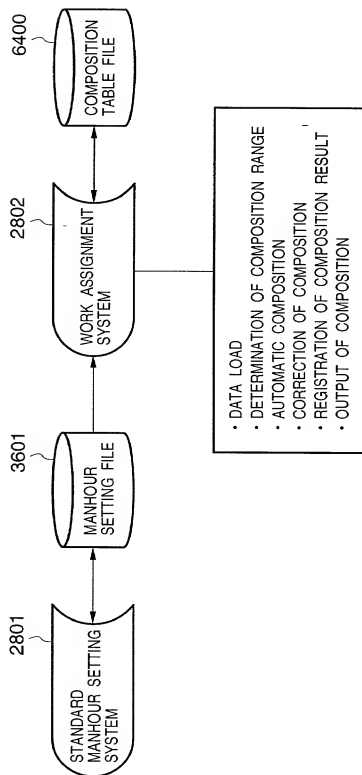


FIG. 65

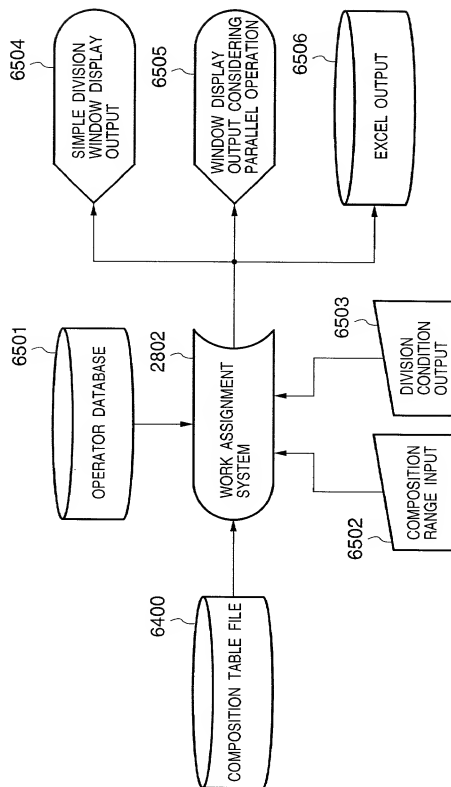


FIG. 66

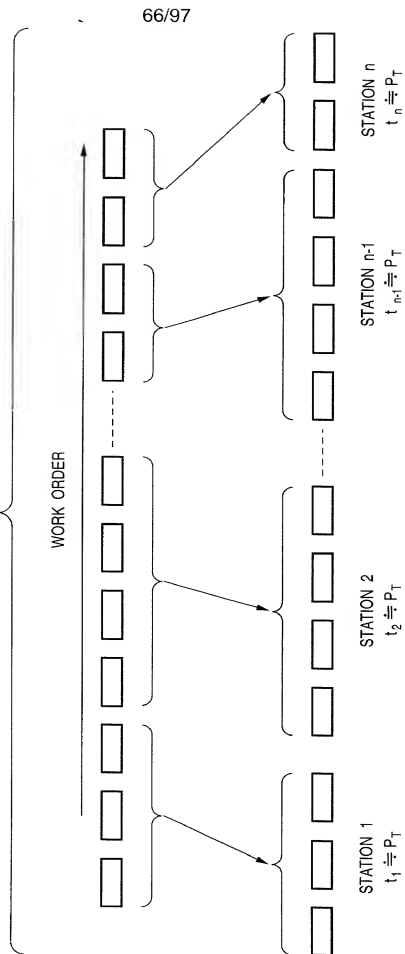


FIG. 67

| FILE(F) EDIT(E) INPUT(I) TOOL(O) | | ▶ | ▲ |
|----------------------------------|------------------------------|---------|---|
| MODEL | | GP55 | |
| UNIT | | | |
| ... | | | |
| STANDARD NO. | WORK NAME | MANHOUR | |
| 0001 | STICK HANDY CUT TAPE | 134 | |
| 0002 | SET LABELS ON MAIN BODY | 550 | |
| 0003 | WEIMAN REMOVAL | 270 | |
| 0004 | ASSEMBLE OUTER CASE | 365 | |
| 0005 | FIT TOP PAD | 268 | |
| 0006 | STICK LARGE-SIDE ORDER LABEL | 117 | |
| ... | | | |

SIMPLE DIVISION
PARALLEL DIVISION

FIG. 68

SIMPLE DIVISION

| | | | |
|---|-----------------|---|---|
| — | | ▼ | ▲ |
| — | FILE(F) EDIT(E) | ◆ | |

St 1

| | | |
|------|-------------------------|-----|
| 0001 | STICK HANDY CUT TAPE | 134 |
| 0002 | SET LABELS ON MAIN BODY | 550 |
| 0003 | WEIMAN REMOVAL | 270 |

St 2

| | | |
|------|------------------------------|-----|
| 0004 | ASSEMBLE OUTER CASE | 365 |
| 0005 | FIT TOP PAD | 268 |
| 0006 | STICK LARGE-SIDE ORDER LABEL | 117 |

⋮

FIG. 69

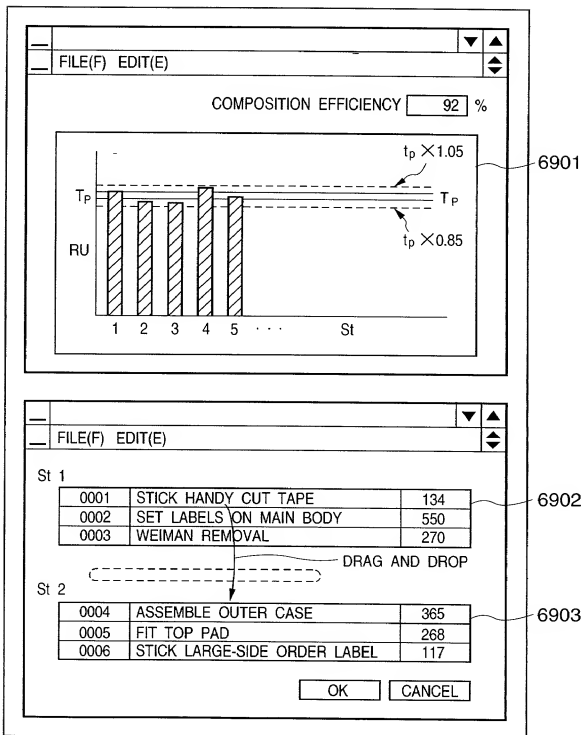


FIG. 70

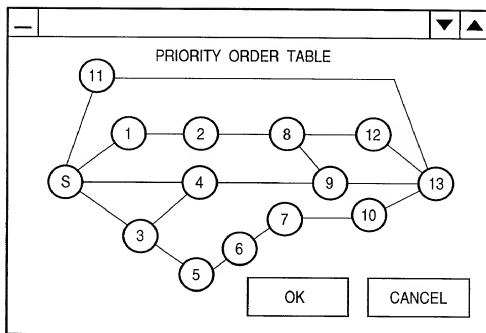


FIG. 71

PARALLEL DIVISION

| | | | | | | |
|--------|--|--------|------------------------------|-----|---|---|
| | | | | | ▼ | ▲ |
| PLAN 2 | | PLAN 1 | | | | |
| St 1 | | St 1 | | | | |
| 1 | | 1 | STICK HANDY CUT TAPE | 99 | | |
| 2 | | 2 | SET LABELS ON MAIN BODY | 78 | | |
| 8 | | 3 | WEIMAN REMOVAL | 134 | | |
| St 2 | | St 2 | | | | |
| 3 | | 4 | ASSEMBLE OUTER CASE | 732 | | |
| 4 | | 5 | FIT TOP PAD | 268 | | |
| 5 | | 6 | STICK LARGE-SIDE ORDER LABEL | 117 | | |
| | | : | | | | |

FIG. 72

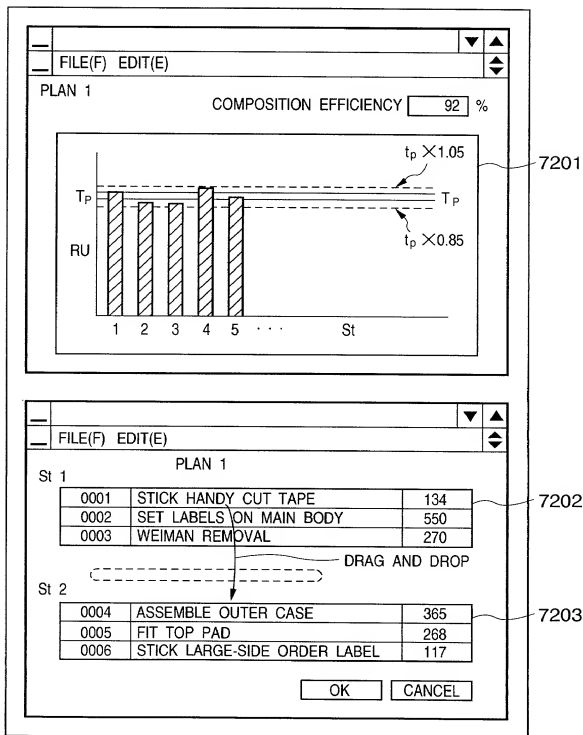


FIG. 73

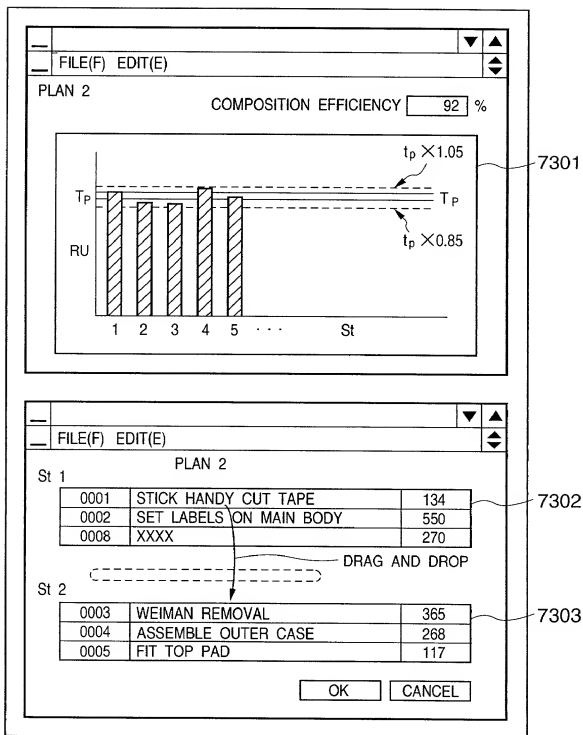


FIG. 74

74/97

LOAD OF NEWLY COMPOSED DATA (MANHOUR)

7403

7404

7405

7406

7407

7409

7401

7402

GENRE

REPRESENTATIVE MODEL

TARGET MODEL

COMPONENT

COMPONENT SYMBOL

COMPONENT NAME

ORDER

BJ
FAX
LBP
NP
STAND

OK

CANCEL

7408

FIG. 75

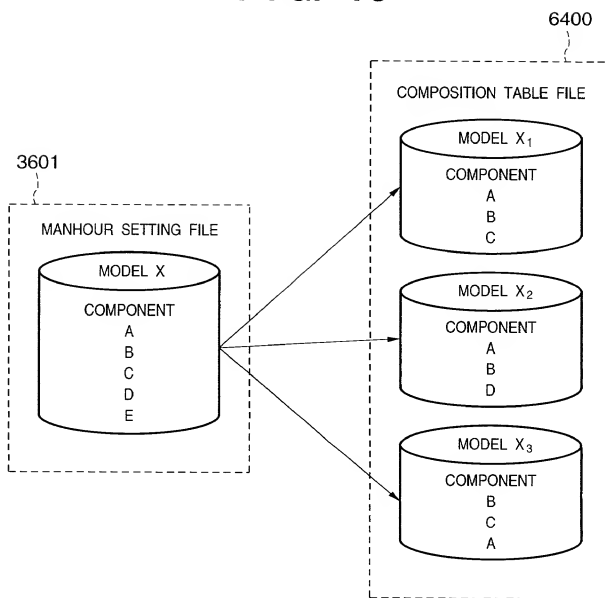


FIG. 76

7601 OPEN FILE 7602 7603 7604

TARGET MODEL NAME REVISION NUMBER SAVE DATE

| | | | |
|--------------|----------------|----|-------------------|
| f12-0010.csv | テストデータ(元) | 1 | 97/09/19 12:00:34 |
| f12-0010.csv | テスト | 0 | 97/09/19 13:27:17 |
| B/C-4300 | 0 | 0 | 97/09/19 14:10:14 |
| B/C-4300 | 0 | 0 | 97/09/19 14:10:32 |
| B/C-4300 | B/C-4300Aライン編成 | 1 | 97/09/19 15:41:14 |
| B/C-4300 | B/C-4300Aライン編成 | 03 | 97/10/13 17:54:57 |
| B/C-4300 | B/C-4300Aライン編成 | 00 | 97/09/20 14:06:36 |
| f12-0010.csv | f12-0010Aライン編成 | 05 | 97/09/24 17:11:53 |

7606

SELECT WINDOW

- ☐ COMPOSITION DATA INPUT WINDOW
- ☐ COMPOSITOR DATA CORRECTION WINDOW

OK CANCEL

FIG. 78

INSERTION OF UNIT WORK

NEW WORK WILL BE INSERTED BEFORE
"STICK CHECK SHEET SERIAL NO."

INPUT WORK NAME AND PROVISIONAL MANHOURL VALUE

UNIT WORK NAME :

PROVISIONAL MANHOURL : (RU)

REMARKS :

OK CANCEL

7801

7802

FIG. 79

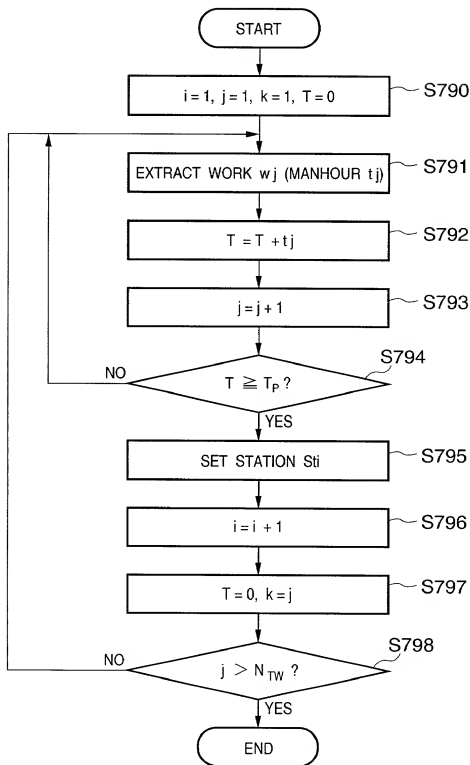


FIG. 80

8001 FILE(E) EDIT(E) VIEW(V) TOOL(T)

8002 OPERATOR 1

OPERATOR 2

8003 OPERATOR 1

OPERATOR 3

8004 OPERATOR 2

OPERATOR 4

8005 OPERATOR 3

OPERATOR 5

8006 OPERATOR 4

OPERATOR 5

8007 OPERATOR 5

8008 TOTAL 693 (RU) PF 105.0%

8009 TOTAL 609 (RU) PF 92.3%

8008 TOTAL 566 (RU) PF 86.8%

8008 TOTAL 596 (RU) PF 90.3%

8008 TOTAL 565 (RU) PF 85.8%

8008 TOTAL 565 (RU) PF 85.8%

8004 G STANDARD NO. WORK NAME

8005 UNIT NAMEa1

8005 MA- MEANS CHINE

8005 PROVISIONAL

8005 REMARKS

8005 COMPOSITION EFFICIENCY 94.92 %

8005 COMPOSITION EFFICIENCY

8005 NET COMPOSITION EFFICIENCY

8005 COMPOSITION MODE: PRIORITY ORDER SCHEME

8005 COMPOSITION EFFICIENCY

8005 COMPOSITION EFFICIENCY

8005 COMPOSITION EFFICIENCY

8005 COMPOSITION EFFICIENCY

8005 COMPOSITION EFFICIENCY

8005 COMPOSITION EFFICIENCY

8005 COMPOSITION EFFICIENCY

8005 COMPOSITION EFFICIENCY

8005 COMPOSITION EFFICIENCY

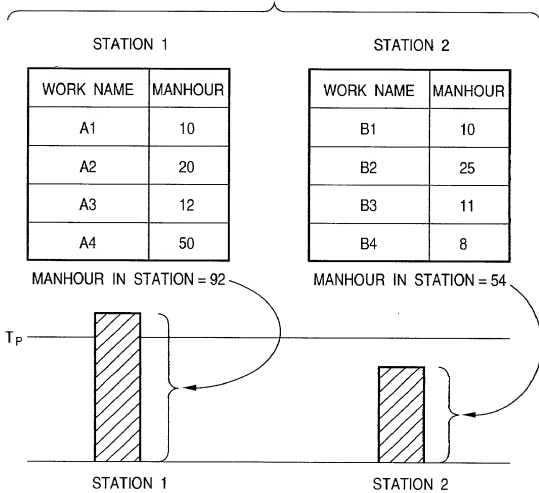
FIG. 81

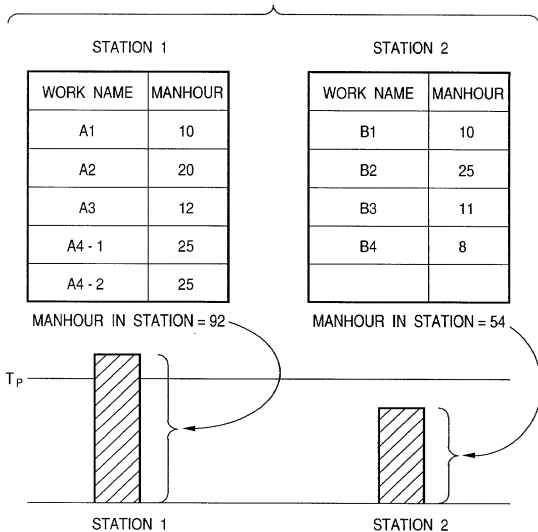
FIG. 82

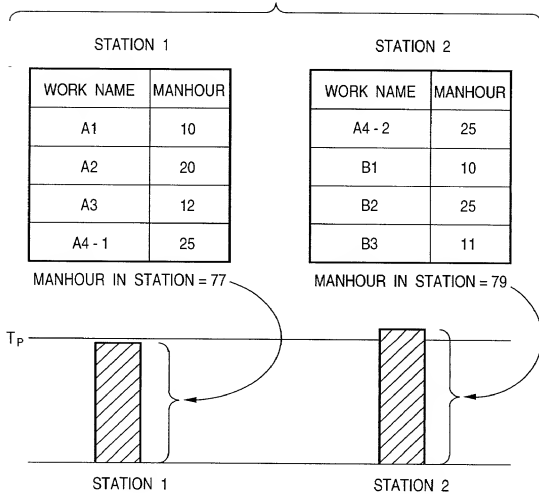
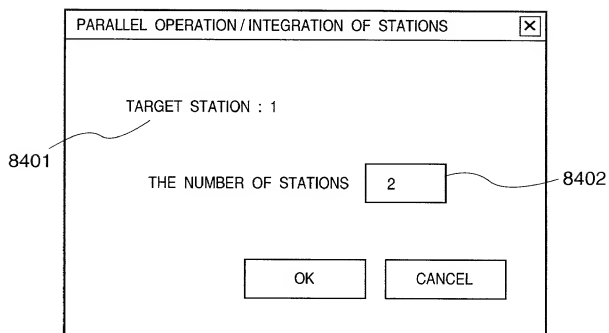
FIG. 83

FIG. 84

FILE(E) EDIT(E) VIEW(D) TOOL(I)

OPERATOR 1

OPERATOR 2

OPERATOR 3

OPERATOR 4

OPERATOR 5

| WORK NAME | WF | PROV. MAN- HOUR | MA- CHINE | UNIT |
|---------------|-----|--------------------|--------------|------|
| UNIT WORK 156 | 0 | No.02 | | |
| NAME 3 | 34 | 10 | No.01 | |
| UNIT WORK 34 | 0 | No.04 | | |
| NAME 4 | 255 | 46 | No.02 | |
| UNIT WORK 138 | 23 | No.08 | | |
| NAME 5 | 71 | 48 | No.10 | |
| UNIT WORK 138 | 30 | No.11 | | |
| NAME 11 | 97 | 20 | No.12 | |
| UNIT WORK 88 | 0 | No.14 | | |
| NAME 13 | 46 | 18 | No.15 | |
| UNIT WORK 546 | 15 | No.16 | | |
| NAME 15 | 58 | 20 | No.17 | |
| UNIT WORK 58 | 20 | No.17 | | |
| NAME 13 | | | | |

TOTAL 585 (RU) PF 88.6%
 TOTAL 1548 (RU) xxxxxxxx PF 23.3%

UNIT WORK 146

NAME 22

UNIT WORK 106

NAME 24

UNIT WORK 51

NAME 25

UNIT WORK 84

NAME 19

UNIT WORK 120

NAME 20

UNIT WORK 310

NAME 21

UNIT WORK 30

NAME 13

UNIT WORK 305

NAME 16

UNIT WORK 84

NAME 19

UNIT WORK 120

NAME 20

UNIT WORK 310

NAME 21

UNIT WORK 156

NAME 3

UNIT WORK 34

NAME 4

UNIT WORK 138

NAME 5

UNIT WORK 138

NAME 11

UNIT WORK 88

NAME 13

UNIT WORK 546

NAME 15

UNIT WORK 58

NAME 13

UNIT WORK 146

NAME 22

UNIT WORK 106

NAME 24

UNIT WORK 51

NAME 25

UNIT WORK 84

NAME 19

UNIT WORK 120

NAME 20

UNIT WORK 310

NAME 21

UNIT WORK 30

NAME 13

UNIT WORK 305

NAME 16

UNIT WORK 84

NAME 19

UNIT WORK 120

NAME 20

UNIT WORK 310

NAME 21

UNIT WORK 156

NAME 3

UNIT WORK 34

NAME 4

UNIT WORK 138

NAME 5

UNIT WORK 138

NAME 11

UNIT WORK 88

NAME 13

UNIT WORK 546

NAME 15

UNIT WORK 58

NAME 13

UNIT WORK 146

NAME 22

UNIT WORK 106

NAME 24

UNIT WORK 51

NAME 25

UNIT WORK 84

NAME 19

UNIT WORK 120

NAME 20

UNIT WORK 310

NAME 21

UNIT WORK 30

NAME 13

UNIT WORK 305

NAME 16

UNIT WORK 84

NAME 19

UNIT WORK 120

NAME 20

UNIT WORK 310

NAME 21

UNIT WORK 156

NAME 3

UNIT WORK 34

NAME 4

UNIT WORK 138

NAME 5

UNIT WORK 138

NAME 11

UNIT WORK 88

NAME 13

UNIT WORK 546

NAME 15

UNIT WORK 58

NAME 13

UNIT WORK 146

NAME 22

UNIT WORK 106

NAME 24

UNIT WORK 51

NAME 25

UNIT WORK 84

NAME 19

UNIT WORK 120

NAME 20

UNIT WORK 310

NAME 21

UNIT WORK 30

NAME 13

UNIT WORK 305

NAME 16

UNIT WORK 84

NAME 19

UNIT WORK 120

NAME 20

UNIT WORK 310

NAME 21

UNIT WORK 156

NAME 3

UNIT WORK 34

NAME 4

UNIT WORK 138

NAME 5

UNIT WORK 138

NAME 11

UNIT WORK 88

NAME 13

UNIT WORK 546

NAME 15

UNIT WORK 58

NAME 13

UNIT WORK 146

NAME 22

UNIT WORK 106

NAME 24

UNIT WORK 51

NAME 25

UNIT WORK 84

NAME 19

UNIT WORK 120

NAME 20

UNIT WORK 310

NAME 21

UNIT WORK 30

NAME 13

UNIT WORK 305

NAME 16

UNIT WORK 84

NAME 19

UNIT WORK 120

NAME 20

UNIT WORK 310

NAME 21

UNIT WORK 156

NAME 3

UNIT WORK 34

NAME 4

UNIT WORK 138

NAME 5

UNIT WORK 138

NAME 11

UNIT WORK 88

NAME 13

UNIT WORK 546

NAME 15

UNIT WORK 58

NAME 13

UNIT WORK 146

NAME 22

UNIT WORK 106

NAME 24

UNIT WORK 51

NAME 25

UNIT WORK 84

NAME 19

UNIT WORK 120

NAME 20

UNIT WORK 310

NAME 21

UNIT WORK 30

NAME 13

UNIT WORK 305

NAME 16

UNIT WORK 84

NAME 19

UNIT WORK 120

NAME 20

UNIT WORK 310

NAME 21

UNIT WORK 156

NAME 3

UNIT WORK 34

NAME 4

UNIT WORK 138

NAME 5

UNIT WORK 138

NAME 11

UNIT WORK 88

NAME 13

UNIT WORK 546

NAME 15

UNIT WORK 58

NAME 13

UNIT WORK 146

NAME 22

UNIT WORK 106

NAME 24

UNIT WORK 51

NAME 25

UNIT WORK 84

NAME 19

UNIT WORK 120

NAME 20

UNIT WORK 310

NAME 21

UNIT WORK 30

NAME 13

UNIT WORK 305

NAME 16

UNIT WORK 84

NAME 19

UNIT WORK 120

NAME 20

UNIT WORK 310

NAME 21

UNIT WORK 156

NAME 3

UNIT WORK 34

NAME 4

UNIT WORK 138

NAME 5

UNIT WORK 138

NAME 11

UNIT WORK 88

NAME 13

UNIT WORK 546

NAME 15

UNIT WORK 58

NAME 13

UNIT WORK 146

NAME 22

UNIT WORK 106

NAME 24

UNIT WORK 51

NAME 25

UNIT WORK 84

NAME 19

UNIT WORK 120

NAME 20

UNIT WORK 310

NAME 21

UNIT WORK 30

NAME 13

UNIT WORK 305

NAME 16

UNIT WORK 84</

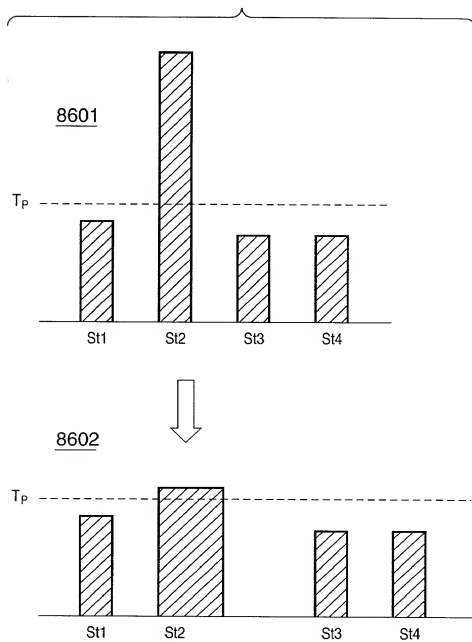
FIG. 86

FIG. 87

A screenshot of a 'USER REGISTRATION' dialog box. The dialog has a title bar with the text 'USER REGISTRATION' and a close button (X). Inside the dialog, there are five input fields, each preceded by a label. The fields are: 'NAME CODE' with the value '12345' (callout 8701), 'NAME' with two sub-fields containing '田中' and '一郎' (callout 8702), 'POSITION' with the value 'kumitate' and a dropdown arrow (callout 8703), 'PASSWORD' with the value '12345' (callout 8704), and 'AUTHORITY' with an empty field (callout 8705). At the bottom of the dialog are two buttons: 'OK' and 'CANCEL'.

USER REGISTRATION

NAME CODE : 12345 8701

NAME : 田中 一郎 8702

POSITION : kumitate 8703

PASSWORD : 12345 8704

AUTHORITY : 8705

OK CANCEL

FIG. 88

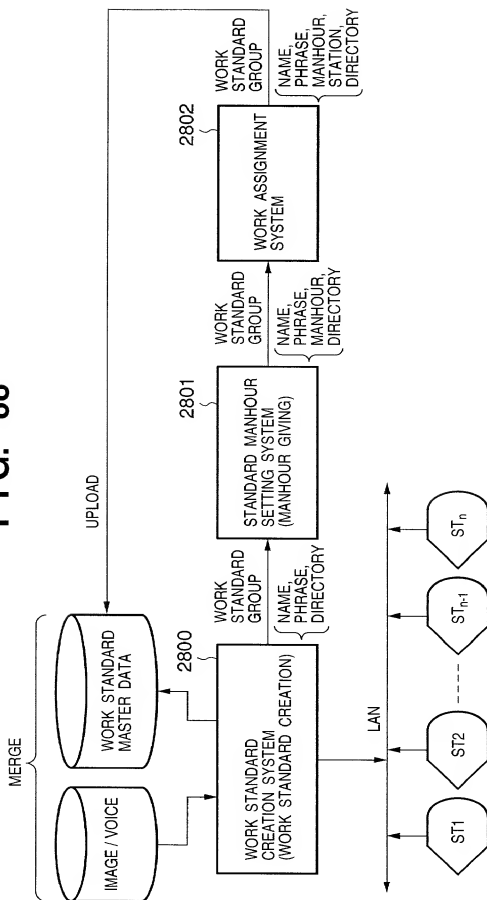
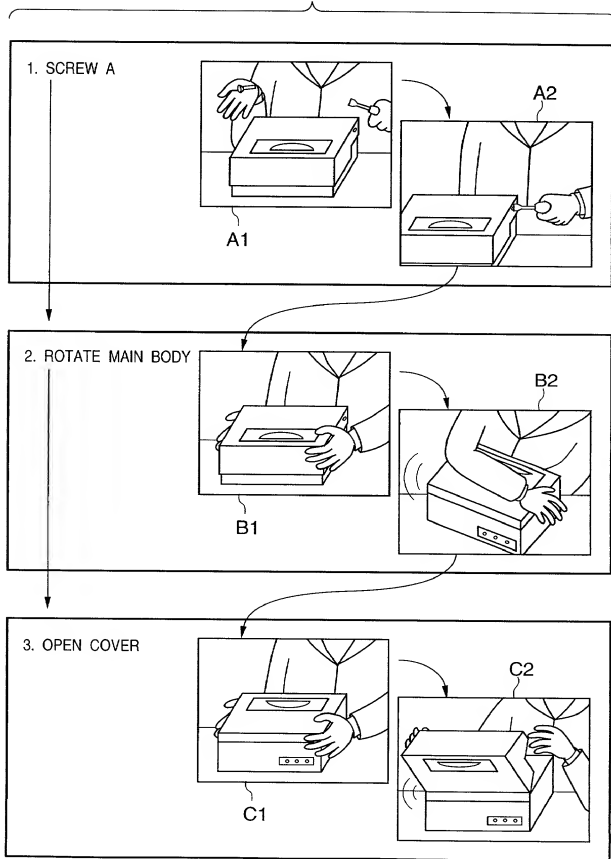


FIG. 89

| DIRECTORY NAME | IMAGE DATA | OPERATION (VERB) | PARAMETER 1 | PARAMETER 2 | PARAMETER 3 |
|----------------|------------|------------------|------------------|------------------------|---------------|
| xxxxxx1 | SCREW | SCREW | SCREW CLOCKWISE | DISTANCE MOVEMENT 10mm | TORQUE 10Kg.M |
| xxxxxx2 | SCREW | SCREW | SCREW CLOCKWISE | DISTANCE MOVEMENT 20mm | TORQUE 20Kg.M |
| xxxxxx3 | SCREW | SCREW | SCREW CLOCKWISE | DISTANCE MOVEMENT 20mm | TORQUE 30Kg.M |
| ... | ... | ... | ... | ... | ... |
| yyyyyy1 | ROTATE | ROTATE | CLOCKWISE | DISTANCE MOVEMENT 20mm | |
| yyyyyy2 | ROTATE | ROTATE | COUNTERCLOCKWISE | DISTANCE MOVEMENT 20mm | |
| ... | ... | ... | ... | ... | ... |
| zzzzzz1 | OPEN | OPEN | OPEN UPWARD | DISTANCE MOVEMENT 30mm | WEIGHT 100g |
| zzzzzz2 | OPEN | OPEN | OPEN DOWNWARD | DISTANCE MOVEMENT 40mm | WEIGHT 200g |
| ... | ... | ... | ... | ... | ... |

90/97

FIG. 90



91/97

FIG. 91

9101 9102

SETTING OF COMPONENT SYMBOL

PRODUCT SYMBOL : BJ - 970909

COMPONENT SYMBOL : CH

COMPONENT NAME : CHECK

OK SEARCH COMPONENT CANCEL

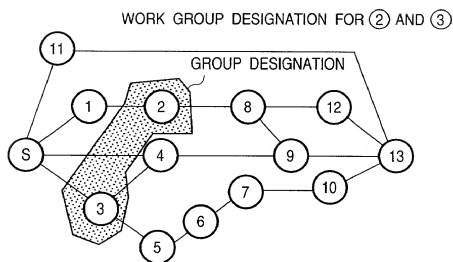
FIG. 92

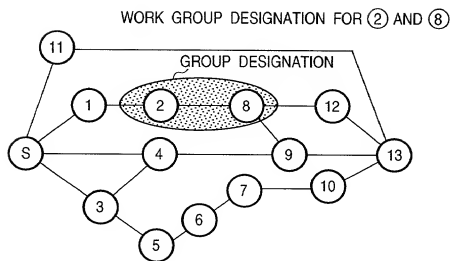
FIG. 93

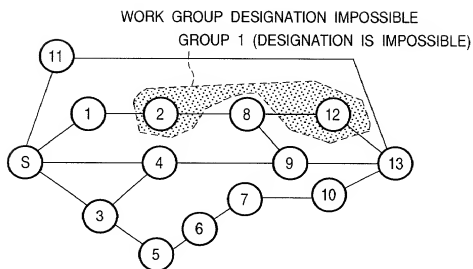
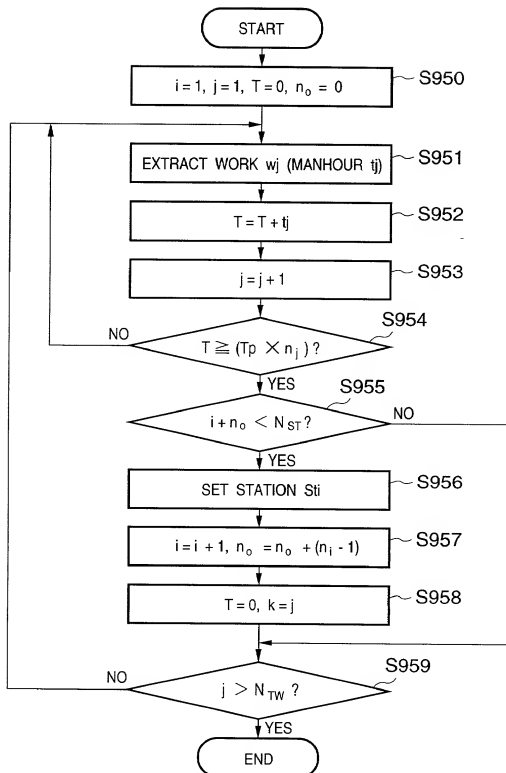
FIG. 94

FIG. 95



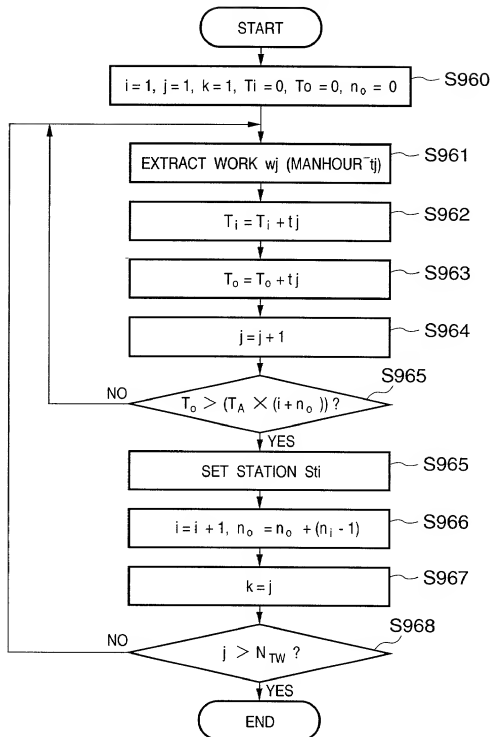
N_{ST} : THE NUMBER OF STATIONS

n_i : i STATION PARALLEL NUMBER

n_o : TOTAL ACCUMULATED PARALLEL SUM NUMBER

96/97

FIG. 96



N_{ST} : THE NUMBER OF STATIONS

T_i : i STATION MANHOUR

T_A : STATION MANHOUR AVERAGE VALUE

$T_A = WF / N_{ST}$

T_o : TOTAL ACCUMULATED MANHOUR

n_i : i STATION PARALLEL NUMBER

n_o : TOTAL ACCUMULATED PARALLEL SUM NUMBER

FIG. 97

FILE(E) EDIT(E) VIEW(D) TOOL(I)

OPERATOR 1 OPERATOR 2 OPERATOR 3 OPERATOR 4 OPERATOR 5 OPERATOR 6

S11 S12 S13 S14 S15

| WORK NAME | WF | PROV. MAN- HOUR | MA- CHINE | UNIT |
|---------------|-----|--------------------|--------------|--------|
| UNIT WORK 155 | 0 | No.03 | No.19 | No.22 |
| NAME 1 | 34 | 10 | No.01 | No.23 |
| NAME 2 | 255 | 46 | No.02 | No.24 |
| NAME 3 | 52 | 26 | No.05 | No.25 |
| NAME 4 | 138 | 23 | No.06 | No.26 |
| NAME 5 | 71 | 48 | No.10 | No.27 |
| NAME 6 | 138 | 30 | No.11 | No.28 |
| NAME 7 | 97 | 20 | No.12 | No.29 |
| NAME 8 | 88 | 0 | No.14 | No.30 |
| NAME 9 | 46 | 18 | No.15 | No.31 |
| NAME 10 | 546 | 15 | No.16 | No.32 |
| NAME 11 | 58 | 20 | No.17 | No.33 |
| NAME 12 | 13 | 0 | No.18 | No.34 |
| NAME 13 | 30 | 40 | No.13 | No.35 |
| NAME 14 | 306 | 131 | No.16 | No.36 |
| NAME 15 | 84 | 28 | No.19 | No.37 |
| NAME 16 | 120 | 20 | No.20 | No.38 |
| NAME 17 | 310 | 66 | No.21 | No.39 |
| NAME 18 | 146 | 71 | No.22 | No.40 |
| NAME 19 | 109 | 28 | No.23 | No.41 |
| NAME 20 | 0 | 0 | No.24 | No.42 |
| NAME 21 | 5 | 10 | No.25 | No.43 |
| NAME 22 | 0 | 0 | No.26 | No.44 |
| NAME 23 | 0 | 0 | No.27 | No.45 |
| NAME 24 | 0 | 0 | No.28 | No.46 |
| NAME 25 | 0 | 0 | No.29 | No.47 |
| NAME 26 | 0 | 0 | No.30 | No.48 |
| NAME 27 | 0 | 0 | No.31 | No.49 |
| NAME 28 | 0 | 0 | No.32 | No.50 |
| NAME 29 | 0 | 0 | No.33 | No.51 |
| NAME 30 | 0 | 0 | No.34 | No.52 |
| NAME 31 | 0 | 0 | No.35 | No.53 |
| NAME 32 | 0 | 0 | No.36 | No.54 |
| NAME 33 | 0 | 0 | No.37 | No.55 |
| NAME 34 | 0 | 0 | No.38 | No.56 |
| NAME 35 | 0 | 0 | No.39 | No.57 |
| NAME 36 | 0 | 0 | No.40 | No.58 |
| NAME 37 | 0 | 0 | No.41 | No.59 |
| NAME 38 | 0 | 0 | No.42 | No.60 |
| NAME 39 | 0 | 0 | No.43 | No.61 |
| NAME 40 | 0 | 0 | No.44 | No.62 |
| NAME 41 | 0 | 0 | No.45 | No.63 |
| NAME 42 | 0 | 0 | No.46 | No.64 |
| NAME 43 | 0 | 0 | No.47 | No.65 |
| NAME 44 | 0 | 0 | No.48 | No.66 |
| NAME 45 | 0 | 0 | No.49 | No.67 |
| NAME 46 | 0 | 0 | No.50 | No.68 |
| NAME 47 | 0 | 0 | No.51 | No.69 |
| NAME 48 | 0 | 0 | No.52 | No.70 |
| NAME 49 | 0 | 0 | No.53 | No.71 |
| NAME 50 | 0 | 0 | No.54 | No.72 |
| NAME 51 | 0 | 0 | No.55 | No.73 |
| NAME 52 | 0 | 0 | No.56 | No.74 |
| NAME 53 | 0 | 0 | No.57 | No.75 |
| NAME 54 | 0 | 0 | No.58 | No.76 |
| NAME 55 | 0 | 0 | No.59 | No.77 |
| NAME 56 | 0 | 0 | No.60 | No.78 |
| NAME 57 | 0 | 0 | No.61 | No.79 |
| NAME 58 | 0 | 0 | No.62 | No.80 |
| NAME 59 | 0 | 0 | No.63 | No.81 |
| NAME 60 | 0 | 0 | No.64 | No.82 |
| NAME 61 | 0 | 0 | No.65 | No.83 |
| NAME 62 | 0 | 0 | No.66 | No.84 |
| NAME 63 | 0 | 0 | No.67 | No.85 |
| NAME 64 | 0 | 0 | No.68 | No.86 |
| NAME 65 | 0 | 0 | No.69 | No.87 |
| NAME 66 | 0 | 0 | No.70 | No.88 |
| NAME 67 | 0 | 0 | No.71 | No.89 |
| NAME 68 | 0 | 0 | No.72 | No.90 |
| NAME 69 | 0 | 0 | No.73 | No.91 |
| NAME 70 | 0 | 0 | No.74 | No.92 |
| NAME 71 | 0 | 0 | No.75 | No.93 |
| NAME 72 | 0 | 0 | No.76 | No.94 |
| NAME 73 | 0 | 0 | No.77 | No.95 |
| NAME 74 | 0 | 0 | No.78 | No.96 |
| NAME 75 | 0 | 0 | No.79 | No.97 |
| NAME 76 | 0 | 0 | No.80 | No.98 |
| NAME 77 | 0 | 0 | No.81 | No.99 |
| NAME 78 | 0 | 0 | No.82 | No.100 |
| NAME 79 | 0 | 0 | No.83 | No.101 |
| NAME 80 | 0 | 0 | No.84 | No.102 |
| NAME 81 | 0 | 0 | No.85 | No.103 |
| NAME 82 | 0 | 0 | No.86 | No.104 |
| NAME 83 | 0 | 0 | No.87 | No.105 |
| NAME 84 | 0 | 0 | No.88 | No.106 |
| NAME 85 | 0 | 0 | No.89 | No.107 |
| NAME 86 | 0 | 0 | No.90 | No.108 |
| NAME 87 | 0 | 0 | No.91 | No.109 |
| NAME 88 | 0 | 0 | No.92 | No.110 |
| NAME 89 | 0 | 0 | No.93 | No.111 |
| NAME 90 | 0 | 0 | No.94 | No.112 |
| NAME 91 | 0 | 0 | No.95 | No.113 |
| NAME 92 | 0 | 0 | No.96 | No.114 |
| NAME 93 | 0 | 0 | No.97 | No.115 |
| NAME 94 | 0 | 0 | No.98 | No.116 |
| NAME 95 | 0 | 0 | No.99 | No.117 |
| NAME 96 | 0 | 0 | No.100 | No.118 |
| NAME 97 | 0 | 0 | No.101 | No.119 |
| NAME 98 | 0 | 0 | No.102 | No.120 |
| NAME 99 | 0 | 0 | No.103 | No.121 |
| NAME 100 | 0 | 0 | No.104 | No.122 |
| NAME 101 | 0 | 0 | No.105 | No.123 |
| NAME 102 | 0 | 0 | No.106 | No.124 |
| NAME 103 | 0 | 0 | No.107 | No.125 |
| NAME 104 | 0 | 0 | No.108 | No.126 |
| NAME 105 | 0 | 0 | No.109 | No.127 |
| NAME 106 | 0 | 0 | No.110 | No.128 |
| NAME 107 | 0 | 0 | No.111 | No.129 |
| NAME 108 | 0 | 0 | No.112 | No.130 |
| NAME 109 | 0 | 0 | No.113 | No.131 |
| NAME 110 | 0 | 0 | No.114 | No.132 |
| NAME 111 | 0 | 0 | No.115 | No.133 |
| NAME 112 | 0 | 0 | No.116 | No.134 |
| NAME 113 | 0 | 0 | No.117 | No.135 |
| NAME 114 | 0 | 0 | No.118 | No.136 |
| NAME 115 | 0 | 0 | No.119 | No.137 |
| NAME 116 | 0 | 0 | No.120 | No.138 |
| NAME 117 | 0 | 0 | No.121 | No.139 |
| NAME 118 | 0 | 0 | No.122 | No.140 |
| NAME 119 | 0 | 0 | No.123 | No.141 |
| NAME 120 | 0 | 0 | No.124 | No.142 |
| NAME 121 | 0 | 0 | No.125 | No.143 |
| NAME 122 | 0 | 0 | No.126 | No.144 |
| NAME 123 | 0 | 0 | No.127 | No.145 |
| NAME 124 | 0 | 0 | No.128 | No.146 |
| NAME 125 | 0 | 0 | No.129 | No.147 |
| NAME 126 | 0 | 0 | No.130 | No.148 |
| NAME 127 | 0 | 0 | No.131 | No.149 |
| NAME 128 | 0 | 0 | No.132 | No.150 |
| NAME 129 | 0 | 0 | No.133 | No.151 |
| NAME 130 | 0 | 0 | No.134 | No.152 |
| NAME 131 | 0 | 0 | No.135 | No.153 |
| NAME 132 | 0 | 0 | No.136 | No.154 |
| NAME 133 | 0 | 0 | No.137 | No.155 |
| NAME 134 | 0 | 0 | No.138 | No.156 |
| NAME 135 | 0 | 0 | No.139 | No.157 |
| NAME 136 | 0 | 0 | No.140 | No.158 |
| NAME 137 | 0 | 0 | No.141 | No.159 |
| NAME 138 | 0 | 0 | No.142 | No.160 |
| NAME 139 | 0 | 0 | No.143 | No.161 |
| NAME 140 | 0 | 0 | No.144 | No.162 |
| NAME 141 | 0 | 0 | No.145 | No.163 |
| NAME 142 | 0 | 0 | No.146 | No.164 |
| NAME 143 | 0 | 0 | No.147 | No.165 |
| NAME 144 | 0 | 0 | No.148 | No.166 |
| NAME 145 | 0 | 0 | No.149 | No.167 |
| NAME 146 | 0 | 0 | No.150 | No.168 |
| NAME 147 | 0 | 0 | No.151 | No.169 |
| NAME 148 | 0 | 0 | No.152 | No.170 |
| NAME 149 | 0 | 0 | No.153 | No.171 |
| NAME 150 | 0 | 0 | No.154 | No.172 |
| NAME 151 | 0 | 0 | No.155 | No.173 |
| NAME 152 | 0 | 0 | No.156 | No.174 |
| NAME 153 | 0 | 0 | No.157 | No.175 |
| NAME 154 | 0 | 0 | No.158 | No.176 |
| NAME 155 | 0 | 0 | No.159 | No.177 |
| NAME 156 | 0 | 0 | No.160 | No.178 |
| NAME 157 | 0 | 0 | No.161 | No.179 |
| NAME 158 | 0 | 0 | No.162 | No.180 |
| NAME 159 | 0 | 0 | No.163 | No.181 |
| NAME 160 | 0 | 0 | No.164 | No.182 |
| NAME 161 | 0 | 0 | No.165 | No.183 |
| NAME 162 | 0 | 0 | No.166 | No.184 |
| NAME 163 | 0 | 0 | No.167 | No.185 |
| NAME 164 | 0 | 0 | No.168 | No.186 |
| NAME 165 | 0 | 0 | No.169 | No.187 |
| NAME 166 | 0 | 0 | No.170 | No.188 |
| NAME 167 | 0 | 0 | No.171 | No.189 |
| NAME 168 | 0 | 0 | No.172 | No.190 |
| NAME 169 | 0 | 0 | No.173 | No.191 |
| NAME 170 | 0 | 0 | No.174 | No.192 |
| NAME 171 | 0 | 0 | No.175 | No.193 |
| NAME 172 | 0 | 0 | No.176 | No.194 |
| NAME 173 | 0 | 0 | No.177 | No.195 |
| NAME 174 | 0 | 0 | No.178 | No.196 |
| NAME 175 | 0 | 0 | No.179 | No.197 |
| NAME 176 | 0 | 0 | No.180 | No.198 |
| NAME 177 | 0 | 0 | No.181 | No.199 |
| NAME 178 | 0 | 0 | No.182 | No.200 |
| NAME 179 | 0 | 0 | No.183 | No.201 |
| NAME 180 | 0 | 0 | No.184 | No.202 |
| NAME 181 | 0 | 0 | No.185 | No.203 |
| NAME 182 | 0 | 0 | No.186 | No.204 |
| NAME 183 | 0 | 0 | No.187 | No.205 |
| NAME 184 | 0 | 0 | No.188 | No.206 |
| NAME 185 | 0 | 0 | No.189 | No.207 |
| NAME 186 | 0 | 0 | No.190 | No.208 |
| NAME 187 | 0 | 0 | No.191 | No.209 |
| NAME 188 | 0 | 0 | No.192 | No.210 |
| NAME 189 | 0 | 0 | No.193 | No.211 |
| NAME 190 | 0 | 0 | No.194 | No.212 |
| NAME 191 | 0 | 0 | No.195 | No.213 |
| NAME 192 | 0 | 0 | No.196 | No.214 |
| NAME 193 | 0 | 0 | No.197 | No.215 |
| NAME 194 | 0 | 0 | No.198 | No.216 |
| NAME 195 | 0 | 0 | No.199 | No.217 |
| NAME 196 | 0 | 0 | No.200 | No.218 |
| NAME 197 | 0 | 0 | No.201 | No.219 |
| NAME 198 | 0 | 0 | No.202 | No.220 |
| NAME 199 | 0 | 0 | No.203 | No.221 |
| NAME 200 | 0 | 0 | No.204 | No.222 |
| NAME 201 | 0 | 0 | No.205 | No.223 |
| NAME 202 | 0 | 0 | No.206 | No.224 |
| NAME 203 | 0 | 0 | No.207 | No.225 |
| NAME 204 | 0 | 0 | No.208 | No.226 |
| NAME 205 | 0 | 0 | No.209 | No.227 |
| NAME 206 | 0 | 0 | No.210 | No.228 |
| NAME 207 | 0 | 0 | No.211 | No.229 |
| NAME 208 | 0 | 0 | No.212 | No.230 |
| NAME 209 | 0 | 0 | No.213 | No.231 |
| NAME 210 | 0 | 0 | No.214 | No.232 |
| NAME 211 | 0 | 0 | No.215 | No.233 |
| NAME 212 | 0 | 0 | No.216 | No.234 |
| NAME 213 | 0 | 0 | No.217 | No.235 |
| NAME 214 | 0 | 0 | No.218 | No.236 |
| NAME 215 | 0 | 0 | No.219 | No.237 |
| NAME 216 | 0 | 0 | No.220 | No.238 |
| NAME 217 | 0 | 0 | No.221 | No.239 |
| NAME 218 | 0 | 0 | No.222 | No.240 |
| NAME 219 | 0 | 0 | No.223 | No.241 |
| NAME 220 | 0 | 0 | No.224 | No.242 |
| NAME 221 | 0 | 0 | No.225 | No.243 |
| NAME 222 | 0 | 0 | No.226 | No.244 |
| NAME 223 | 0 | 0 | No.227 | No.245 |
| NAME 224 | 0 | 0 | No.228 | No.246 |
| NAME 225 | 0 | 0 | No.229 | No.247 |
| NAME 226 | 0 | 0 | No.230 | No.248 |
| NAME 227 | 0 | 0 | No.231 | No.249 |
| NAME 228 | 0 | 0 | No.232 | No.250 |
| NAME 229 | 0 | 0 | No.233 | No.251 |
| NAME 230 | 0 | 0 | No.234 | No.252 |
| NAME 231 | 0 | 0 | No.235 | No.253 |
| NAME 232 | 0 | 0 | No.236 | No.254 |
| NAME 233 | 0 | 0 | No.237 | No.255 |
| NAME 234 | 0 | 0 | No.238 | No.256 |
| NAME 235 | 0 | 0 | No.239 | No.257 |
| NAME 236 | 0 | 0 | No.240 | No.258 |
| NAME 237 | 0 | 0 | No.241 | No.259 |